

AMENDMENTS TO THE CLAIMS

Amended claims follow:

1. (Currently Amended) A method for securely sharing resources over a peer-to-peer network, comprising:

broadcasting a single request to a plurality of peers by a requesting peer for a resource over the peer-to-peer network wherein the request contains an identification of the resource and the resource identification contains a resource version identifier;

receiving a response from a responding peer on the peer-to-peer network indicating that the responding peer has the requested resource;

retrieving the requested resource from the responding peer;[[and]

periodically broadcasting a single progress message including progress information to the plurality of peers indicating that the requested resource is in the process of being retrieved;

verifying the retrieved resource by ensuring the retrieved resource contains the version identifier embedded therein; and

informing a service server on the responding peer that a local copy of the retrieved resource now exists;

wherein a file name of the retrieved resource indicates a version of the retrieved resource, a file added to the retrieved resource specifies an original name of the retrieved resource, and the original name is utilized to verify the file name of the retrieved resource.

2. (Original) The method for securely sharing resources over a peer-to-peer network of claim 1, wherein said verifying the retrieved resource further comprises verifying a digital signature of the retrieved resource to ensure integrity of the retrieved resource.

3. (Original) The method for securely sharing resources over a peer-to-peer network of claim 2, wherein said digital signature is a 1024-bit VeriSign digital certificate.

4. (Original) The method for securely sharing resources over a peer-to-peer network of claim 1, further comprising installing said resource.
5. (Original) The method for securely sharing resources over a peer-to-peer network of claim 1, further comprising retrieving a catalog containing a listing of resources.
6. (Original) The method for securely sharing resources over a peer-to-peer network of claim 5, further comprising comparing the listing of resources with resources installed at the requesting peer to determine which resources are to be requested over the peer-to-peer network.
7. (Original) The method for securely sharing resources over a peer-to-peer network of claim 6, further comprising requesting each resource to be requested in a separate transaction such that each resource to be requested may be retrieved from a same or different responding peer.
8. (Currently Amended) A product updating service ~~for automatic and secure updating of a product installed at a node of a peer-to-peer network~~, comprising:
 - automatically downloading a catalog containing a current listing of resources for ~~[[the]]~~ a product at a predetermined time, each resource being identified by a resource version identifier;
 - comparing the listing of resources in the catalog with resources installed at ~~[[the]]~~ a node of a peer-to-peer network to determine which resources are to be requested over the peer-to-peer network;
 - requesting each resource to be requested in a separate transaction over the peer-to-peer network, the request being made via a single broadcasted request to a plurality of peers;
 - retrieving each resource to be requested in the peer-to-peer network and the Internet; ~~[[and]]~~

periodically broadcasting, for each requested resource , a single progress message including progress information to the plurality of peers indicating that the requested resource is in the process of being retrieved;

verifying each retrieved resource by ensuring the retrieved resource contains the version identifier embedded therein; and

informing a service server on the responding peer that a local copy of each retrieved resource now exists;

wherein the product updating service is operable such that, for each retrieved resource, a file name of the retrieved resource indicates a version of the retrieved resource, a file added to the retrieved resource specifies an original name of the retrieved resource, and the original name is utilized to verify the file name of the retrieved resource.

9. (Currently Amended) The product updating service ~~for automatic and secure updating of a product installed at a node of a peer to peer network~~ of claim 8, wherein said verifying each retrieved resource further comprises verifying a digital signature of each retrieved resource to ensure integrity of the retrieved resource.

10. (Currently Amended) The product updating service ~~for automatic and secure updating of a product installed at a node of a peer to peer network~~ of claim 9, wherein said digital signature is a 1024-bit VeriSign digital certificate.

11. (Currently Amended) The product updating service ~~for automatic and secure updating of a product installed at a node of a peer to peer network~~ of claim 8, further comprising installing each of the retrieved resources.

12. (Cancelled)

13. (Currently Amended) The ~~method for providing secure updating of the software product~~ product updating service of claim 8, wherein each resource is digitally signed with a digital signature.

14. (Currently Amended) The ~~method for providing secure updating of the software product~~product updating service of claim 13, wherein said digital signature is a 1024-bit VeriSign digital certificate.

15. (Currently Amended) A computer program product ~~for securely sharing resources over a peer-to-peer network~~, comprising:

- computer code that broadcasts a single request to a plurality of peers by a requesting peer for a resource over ~~[[the]]~~a peer-to-peer network wherein the request contains an identification of the resource and the resource identification contains a resource version identifier;

- computer code that receives a response from a responding peer on the peer-to-peer network indicating that the responding peer has the requested resource;

- computer code that retrieves the requested resource from the responding peer;

- computer code that periodically broadcasts a single progress message including progress information to the plurality of peers indicating that the requested resource is in the process of being retrieved;

- computer code that verifies the retrieved resource by ensuring the retrieved resource contains the version identifier embedded therein;~~[[and]]~~

- computer code that informs a service server on the responding peer that a local copy of the retrieved resource now exists; and

- a computer readable medium that stores said computer codes;

- wherein the computer program product is operable such that a file name of the retrieved resource indicates a version of the retrieved resource, a file added to the retrieved resource specifies an original name of the retrieved resource, and the original name is utilized to verify the file name of the retrieved resource.

16. (Currently Amended) The computer program product ~~for securely sharing resources over a peer-to-peer network~~ of claim 15, wherein said computer code that verifies the retrieved resource further comprises computer code that verifies a digital signature of the retrieved resource to ensure integrity of the retrieved resource.

17. (Currently Amended) The computer program product ~~for securely sharing resources over a peer-to-peer network~~ of claim 16, wherein said digital signature is a 1024-bit VeriSign digital certificate.
18. (Currently Amended) The computer program product ~~for securely sharing resources over a peer-to-peer network~~ of claim 15, further comprising computer code that installs said resource.
19. (Currently Amended) The computer program product ~~for securely sharing resources over a peer-to-peer network~~ of claim 15, further comprising computer code that retrieves a catalog containing a listing of resources.
20. (Currently Amended) The computer program product ~~for securely sharing resources over a peer-to-peer network~~ of claim 19, further comprising computer code that compares the listing of resources with resources installed at the requesting peer to determine which resources are to be requested over the peer-to-peer network.
21. (Currently Amended) The computer program product ~~for securely sharing resources over a peer-to-peer network~~ of claim 20, further comprising computer code that requests each resource to be requested in a separate transaction such that each resource to be requested may be retrieved from a same or different responding peer.
22. (Previously Presented) The method for securely sharing resources over a peer-to-peer network of claim 1, wherein the responding peer scans a list of local aliased copies to determine if the responding peer has a local version of the requested resource.
23. (Previously Presented) The method for securely sharing resources over a peer-to-peer network of claim 1, wherein the responding peer waits a predetermined period of time before responding that the responding resource has the requested resource.

24. (Previously Presented) The method for securely sharing resources over a peer-to-peer network of claim 23, wherein the predetermined period of time is randomly generated between 0 and 2000 milliseconds.

25. (Previously Presented) The method for securely sharing resources over a peer-to-peer network of claim 1, wherein, after receiving the response, the requesting peer broadcasts a message to the plurality of peers that the requested resource has been found.